

PATENT

#13 1/15/03
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cobbley et al.

Serial No.: 09/639,486

Filed: August 14, 2000

For: METHOD OF ATTACHING SOLDER
BALLS TO BGA PACKAGE UTILIZING A
TOOL TO PICK AND DIP THE SOLDER
BALL IN FLUX

Confirmation No.: 3481

Examiner: Z. Pittman

Group Art Unit: 1725

Attorney Docket No.: 3636.1US
(97-1349.1)

Notice of Allowance Mailed:

August 27, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

November 19, 2002
Date

Signature

Jayna M. Lofgran
Name (Type/Print)

TRANSMITTAL OF NEW DRAWINGS TO CORRECT INFORMALITIES
WITHIN THREE-MONTH PERIOD OF RESPONSE
SET IN NOTICE OF ALLOWABILITY
(PTOL 37)

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

Sir:

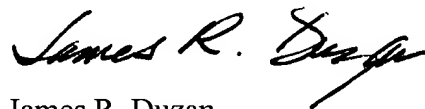
ATTENTION: OFFICIAL DRAFTSMAN - SUBMISSION OF DRAWINGS

1. To correct the informalities in the drawings as noted in the Draftsman's objection(s) on PTO-948, Applicants submit herewith new drawings for this application. Number of sheets of drawings submitted: 9 sheets, 15 figures.

2. The three-month period of response set in the Notice of Allowability (PTOL 37) expires on November 27, 2002, and this submission is due on or before this expiry date.

3. Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



James R. Duzan
Registration No. 28,393
Attorney for Applicants
TRASKBRITT
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: November 19, 2002
JRD/jml

Enclosures: Formal Drawings (9 sheets, 15 figures)
Copy of this Transmittal Letter

Document in ProLaw

#13 21

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Cobbley et al.

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For: METHOD OF ATTACHING SOLDER BALLS TO BGA PACKAGE UTILIZING A TOOL TO PICK AND DIP THE SOLDER BALL IN FLUX

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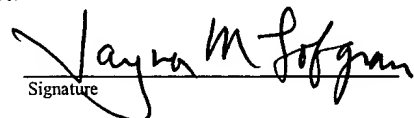
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August 27, 2002

CERTIFICATE OF MAILING

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November 19, 2002
Date


Signature

Jayna M. Lofgran
Name (Type/Print)

MATCH & RETURN

LETTER TO THE CHIEF DRAFTSMAN

Box ISSUE FEE
Commissioner for Patents
Washington, D.C. 20231

Sir:

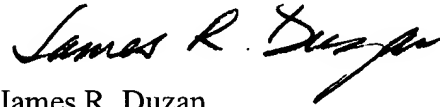
Applicants submit herewith revised FIG. 3 which corrects an error in the drawings. Specifically, FIG. 3 has been revised to change the reference numeral "62" to --63-- to eliminate redundancy with previously used reference numerals. Attached is a copy of the drawings with the proposed changes marked in red.

08.02

Serial No. 09/639,486

No new matter has been added. Approval of the proposed revisions is respectfully requested.

Respectfully submitted,



James R. Duzan
Registration No. 28,393
Attorney for Applicants
TRASKBRITT
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: November 19, 2002
JRD/jml

Enclosures: Drawings with changes marked in red

Document in ProLaw

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Box ISSUE FEE
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CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

7590

08/27/2002

James R Duzan
 Trask Britt
 P O Box 2550
 Salt Lake City, UT 84110



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| | |
|------------------------|--------------------|
| Jayna M. Lofgran | (Depositor's name) |
| <i>Jayna M Lofgran</i> | (Signature) |
| November 19, 2002 | (Date) |

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/639,486 | 08/14/2000 | Chad A. Cobbley | 3636.1US(97-1349.1) | 3481 |

TITLE OF INVENTION: METHOD OF ATTACHING SOLDER BALLS TO BGA PACKAGE UTILIZING A TOOL TO PICK AND DIP THE SOLDER BALL IN FLUX

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1280 | \$0 | \$1280 | 11/27/2002 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------|----------|----------------|
| PITTMAN, ZIDIA T | 1725 | 228-150000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 TraskBritt
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Micron Technology, Inc.

Boise, Idaho

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

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☐ Publication Fee

☒ Advance Order - # of Copies 5

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.

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☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 20-1469 (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

James R. Duzan

11-19-2002

James R. Duzan Reg. No. 28,303

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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11/26/2002 TBESHAH2 00000040 09639486

01 FC:1501
 02 FC:8001

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